

1 BILL NO. S-84-04-42

2 SPECIAL ORDINANCE NO. S-

54-84

3 AN ORDINANCE approving Change Order  
4 No. 9 for AWT (EPA Project No. C-  
180774-03) with Hagerman-Shambaugh,  
5 Joint Bidders, in connection with the  
Board of Public Works.

6 NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF  
7 THE CITY OF FORT WAYNE, INDIANA:

8 SECTION 1. That Change Order No. 9 for AWT (EPA Project  
9 No. C-180774-03) with Hagerman-Shambaugh, joint bidders, in con-  
10 nection with the Board of Public Works, for:

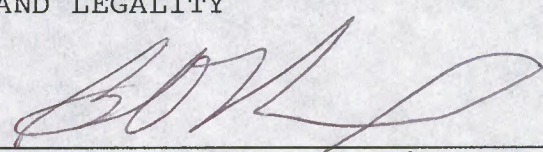
11 This change order No. 9 is necessary  
12 to provide additional ventilation of  
13 equipment to 4 or 5 blowers, provide  
14 labor material to modify portable  
15 water and waste, and provide shutoff  
valves on gas cylinders in laboratory,  
and provide misc. electrical changes  
at reaeration structure, and labora-  
tory and maintenance control room;

16 involving a net increase of Eighteen Thousand Three Hundred  
17 Thirty-Eight and No/100 Dollars (\$18,338.00), all as more parti-  
18 cularly set forth in the specifications, and which is on file  
19 with the Office of the Board of Public Works, and is by reference  
20 incorporated herein, made a part hereof and is hereby in all  
21 things ratified, confirmed and approved.

22 SECTION 2. That this Ordinance shall be in full force  
23 and effect from and after its passage and any and all necessary  
24 approval by the Mayor.

25  
26   
Councilmember

27 APPROVED AS TO FORM  
28 AND LEGALITY

29   
30 Bruce O. Boxberger, City Attorney  
31  
32



Read the first time in full and on motion by Henry, seconded by Stier, and duly adopted, read the second time by title and referred to the Committee City Clerk (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on \_\_\_\_\_, the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_.M.,E.S.

DATE: 4-24-84

Margaret Estep  
SANDRA E. KENNEDY, CITY CLERK

Read the third time in full and on motion by Henry, seconded by Stier, and duly adopted, placed on its passage. PASSED (LOST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>HENRY</u>	<u>✓</u>	_____	_____	_____	_____
<u>REDD</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 5-15-84

Sandra E. Kennedy  
SANDRA E. KENNEDY, CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ANNEXATION) (APPROPRIATION) (GENERAL)

(SPECIAL) (ZONING MAP) ORDINANCE (RESOLUTION) NO. 1-54-84  
on the 15th day of May, 1984,

ATTEST:

(SEAL)

Sandra E. Kennedy  
SANDRA E. KENNEDY, CITY CLERK

Ray A. Ebert  
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 16th day of May, 1984, at the hour of 11:30 o'clock A.M.,E.S.T.

Sandra E. Kennedy  
SANDRA E. KENNEDY, CITY CLERK

Approved and signed by me this 21st day of May, 1984, at the hour of 10 o'clock A.M.,E.S.T.

Win Moses, Jr.  
WIN MOSES, JR., MAYOR



PROJECT Water Quality Control Project OWNER City of Fort Wayne, Indiana  
DIVISION/SECTION AWT - Phases A, B and C (EPA Project No. C 180774-03)  
CHANGE ORDER NO. 9

TO: Hagerman-Shambaugh, Joint Bidders  
510 W. Washington Blvd., P.O. Box 10690  
Fort Wayne, Indiana 46852-0690

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change <del>x(Deduct)</del> (Add)	Revised Contract Amount
TOTAL	\$ <u>12,522,737.25</u>	\$ <u>18,338.00</u>	\$ <u>-0-</u>	\$ <u>18,338.00</u>	\$ <u>12,541,075.25</u> ✓

Description of Change:

Add

Deduct

Item No. 1

Provide all necessary labor and materials to install motor operated dampers on the enclosure exhaust duct for aeration blower Nos. 1-5. The dampers will be interlocked with the fan motors to open the dampers when the fan starts. All materials and the installation shall conform to applicable requirements of the specifications.

\$10,617.00

Item No. 2

Provide all necessary labor and materials to install in the laboratory, water supply to and drain from the A-A, TOC, and G-C. The drain extension to tie into the existing system under the floor slab and consist of 2-inch piping and a 2-inch vent. The water supply to tie into existing under the floor slab and consist of 1½-inch through the floor penetration and 1/2-inch to each instrument. A 6-inch core will be made along the south lab wall. All work to be in accordance with applicable sections of the specifications

4,320.00



CHANGE ORDER NO. 9

PAGE 2

Description of Change:

Add

Deduct

Item No. 3

Provide all necessary labor and materials to install thirteen (13) 1/4" stainless steel shutoff valves on the inlet side of the laboratory gas regulators.

\$1,037.00

Item No. 4

Provide all necessary labor and materials to install a 7-foot fin tube radiation cover for office No. 3 in the new laboratory.

173.00

Item No. 5

Provide all necessary labor and materials to add interposing relays to MCC-G for the remote operation of the Reaeration sluice gate from the pond dredging system control panel.

460.00

Item No. 6

Provide all necessary labor and materials to install two 250-volt element voltmeters in the utilities control panel for monitoring electrical main A and B voltage.

1,328.00

Item No. 7

Provide all necessary labor and materials to extend the 208-volt service into the east fume hood, and convert the 208-volt service on the east island bench to 120-volt service, in the laboratory.

403.00

TOTALS:

\$18,338.00

-0-

TIME:

These changes shall not affect the time for completion of the project

PREPARED BY:

HOWARD NEEDLES TAMMEN & BERGENDOFF

By Ray H. Kocher

Title Project Mgr. Date 3/16/84

ACCEPTED:

HAGERMAN-SHAMBAUGH, Joint Bidders  
ACCEPTED FOR HAGERMAN CONSTRUCTION CORP.  
CONTRACTOR

By [Signature]

Title RES Date 4/4/84

APPROVED:

CITY OF FORT WAYNE, INDIANA  
OWNER

By David J. Kiester  
David J. Kiester, Chairman

Betty R. Collins, Member

Frank W. Heyman, Member

Title BOARD OF PUBLIC WORKS

Date 4-11-84



# WATER QUALITY CONTROL PROJECT

AWT - PHASES A, B & C  
CITY OF FORT WAYNE, INDIANA

## JUSTIFICATION FOR CHANGE

CHANGE ORDER NO. 9

### I. NECESSITY FOR CHANGE:

#### Item No. 1

The air flow through the duct system for the blower enclosure exhaust system is such that the existing gravity dampers will not open sufficiently to permit maximum air flow. As a result, the blowers are not kept adequately cool during period of high ambient temperature. Motorized dampers will open fully to permit sufficient air flow to cool the blowers as needed. The potential damage to the blowers caused by overheating would cause major maintenance cost.

#### Item No. 2

The Atomic Absorption Spectrophotometer, the Total Organic Carbon Analyzer, and the Gas Chromatograph are analytical laboratory equipment items which require cooling water and/or drain to operate. This water and drain piping is for that purpose.

#### Item No. 3

The analytical testing which is a necessary part of the routine laboratory work requires many special gasses. The shut-off valves will permit changing gas cylinders without the lengthy and expensive procedure of purging the entire gas line.

#### Item No. 4

The addition of the fin tube radiation cover will enclose the electrical supply to the baseboard heater located in the office.

#### Item No. 5

Remote control of the reaeration sluice gate will permit effective and timely control of Pond No. 3 detention time. The interposing relays are required to utilize the existing spare cabling installed under a prior construction project.



## JUSTIFICATION FOR CHANGE

CHANGE ORDER No. 9

(Continued)

Item No. 6

Remote monitoring of main A and B voltages at the utilities control panel will permit the operator to quickly respond to power distribution outages on one of the mains. The new power distribution feed switchgear has 250 V scale voltage signals compared to the existing 150 V scale units.

Item No. 7

Certain laboratory analysis produce gases which could be a potential safety hazard. Providing 208-volt electrical service of the fume hood will permit these analyses to be performed in a controlled vented environment. Additional equipment added to the east lab bench island necessitates the addition of a third 120-volt electrical circuit.

II. WILL PROPOSED CHANGES ALTER SIZE OF PROJECT?

The proposed changes described herein will not significantly alter the existing design flow or size of this project.

III. EFFECT OF OPERATION AND MAINTENANCE OF THIS PROJECT?

The above items should not adversely affect operability and maintenance of the plant.

IV. TIME OF COMPLETION:

These changes will not affect the time of completion of the project.

Prepared by:  
HOWARD NEEDLES TAMMEN & BERGENDOFF  
ARCHITECTS ENGINEERS PLANNERS  
INDIANAPOLIS, INDIANA  
March 2, 1984



BILL NO. S-84-04-42

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON CITY UTILITIES TO WHOM WAS REFERRED AN  
ORDINANCE approving Change Order No. 9 for AWT (EPA Project  
No. C-180774-03) with Hagerman-Shambaugh, Joint Bidders, in connection  
with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT  
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE Do PASS.

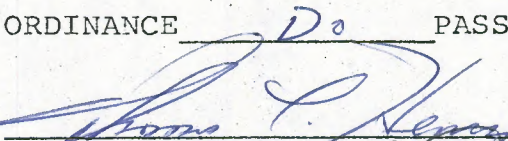
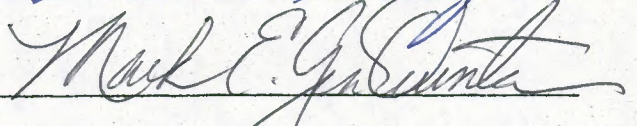
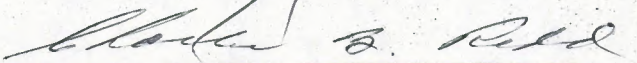

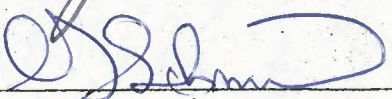
THOMAS C. HENRY, CHAIRMAN

MARK E. GIACQUINTA, VICE CHAIRMAN

CHARLES B. REDD

JAMES S. STIER

DONALD J. SCHMIDT



TITLE OF ORDINANCE Change Order No. 9 for AWT (EPA No. C-180774-03) Hagerman-Shambaugh

Joint Bidders

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

S-84-04-42

SYNOPSIS OF ORDINANCE This change order No. 9 is necessary to provide additional ventilation of equipment to 4 or 5 blowers, provide labor material to modify portable water and waste, and provide shutoff vales on gas cylinders in laboratory, and provide misc. electrical changes at reaeration structure, and laboratory and maintenance control room. Hagerman-Shambaugh are Joint Bidders.

EFFECT OF PASSAGE To facilitate completion of project.

EFFECT OF NON-PASSAGE \_\_\_\_\_

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) Increase \$18,338.00

ASSIGNED TO COMMITTEE \_\_\_\_\_